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Morbidity and Mortality Weekly Report

PUBLIC HEALTH SERVICE
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the COMMUNICABLE DISEASE CENTER MElrose 4-5131

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended June 10, 1961

Poliomyelitis – Reported cases of poliomyelitis continue at a remarkably low level. Notification of 10 cases, 5 paralytic, was received this week from 7 different States. This week's cases bring the total in 1961 through June 10 to 194 cases, 126 paralytic. The number of paralytic cases reported thus far is just over half the number reported during this same period in 1958, the lowest previous year in over a decade.

Polio (Cumulated Weekly) Through the 23rd Week for the Past 5 Years

	1961	1960	1959	1958	1957
Paralytic	126	253	458	234	497
Total	194	350	652	454	1,048

The occurrence of four cases of paralytic poliomyelitis and two cases of aseptic meningitis in Atlanta represent the only significant concentration of cases yet noted. Five of the six patients are Negro children under five years of age from a localized area in south central Atlanta. From one of the paralytic cases a type III poliovirus has been isolated. Surveys of young children in the immediate neighborhood done in early May as part of a vaccine study revealed carrier rates of type III poliovirus approximating 15 percent. (See Epidemiological Reports)

Thus far in the United States in 1961, specific poliovirus isolates have been identified and reported to the Poliomyelitis Surveillance Unit from 16 cases. Eight of

Table I. Cases of Specified Notifiable Diseases: United States

(Cumulative totals include revised and delayed reports through previous week)

Disease (Seventh Revision of International Lists, 1955)	23rd Week			Cumulative						Approximate seasonal low point
				First 23 weeks			Since seasonal low week			
* Weekly incidence low or sporadic --- Data not available - Quantity zero	Ended June 10, 1961	Ended June 11, 1960	Median 1956-60	1961	1960	Median 1956-60	1960-61	1959-60	Median 1955-56 to 1959-60	
Anthrax-----062	-	-	*	3	10	*	*	*	*	*
Botulism-----049.1	-	-	*	4	3	*	*	*	*	*
Brucellosis (undulant fever)-----044	10	22	22	245	384	379	*	*	*	*
Diphtheria-----055	4	3	9	291	313	373	871	848	1,068	July 1
Encephalitis, infectious-----082	41	41	36	659	692	642	659	692	642	Jan. 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	1,246	683	370	39,477	17,862	10,739	54,684	25,546	15,991	Sept. 1
Malaria-----110-117	2	2	*	22	23	*	*	*	*	*
Measles-----085	17,030	17,448	17,138	325,431	337,901	383,595	361,641	371,505	420,264	Sept. 1
Meningitis, aseptic-----340 pt.	47	33	---	607	637	---	607	637	---	Jan. 1
Meningococcal infections-----057	38	40	46	1,102	1,139	1,260	1,758	1,871	2,032	Sept. 1
Poliomyelitis-----080	10	19	71	194	350	648	91	134	355	Apr. 1
Paralytic-----080.0,080.1	5	16	53	126	253	454	66	99	246	Apr. 1
Nonparalytic-----080.2	4	2	17	38	62	124	13	26	76	Apr. 1
Unspecified-----080.3	1	1	1	30	35	70	12	9	33	Apr. 1
Psittacosis-----096.2	2	2	*	31	42	*	*	*	*	*
Rabies in man-----094	-	-	*	2	-	*	*	*	*	*
Streptococcal sore throat, including scarlet fever-----050,051	4,750	5,398	---	196,107	182,439	---	293,759	---	---	Aug. 1
Typhoid fever-----040	11	19	19	239	244	328	125	116	148	Apr. 1
Typhus fever, endemic-----101	2	6	*	14	29	*	*	*	*	*
Rabies in animals-----	58	80	81	1,624	1,858	2,212	2,200	2,836	2,994	Oct. 1

Figures for current week exclude missing reports from Hawaii

these have been Type I; eight have been Type III. The frequency of Type III isolations is somewhat higher than might be expected although the numbers are yet quite small. A preliminary analysis of the data on poliovirus isolates for 1960 is included under Epidemiological Reports.

EPIDEMIOLOGICAL REPORTS

Poliovirus Isolations – 1960, 1961 (Preliminary)

Reports of attempted virus isolations on specimens from 1,530 paliomyelitis cases with onset during the year 1960 were received by the Poliomyelitis Surveillance Unit through March 1, 1961. This represents 46 percent of the total cases submitted to Palio Surveillance Unit.

Poliovirus was isolated from 1,054 cases (69 percent) of the 1,530 specimens studied. Specimens from cases with residual paralysis revealed 76.5 percent polio isolates compared to 60.8 percent in paralytic cases without residual paralysis and to 49.2 percent of cases recorded as nonparalytic poliomyelitis-aseptic meningitis.

Poliomyelitis in 1960 was again predominantly due to type I virus. Of those with virus type specified, 772 (73.7%) were type I and 274 (26.1%) were type III (10% of cases were due to type III in 1959). Type II was isolated in only two cases. The geographic breakdown of poliovirus isolations is shown in the following table by State. A type III outbreak was experienced in Baltimore, Maryland with other concentrations noted in western Maryland, Pennsylvania and New York State.

Thus far in 1961, 11 States have recorded poliovirus isolations from cases of poliomyelitis reported on polio surveillance forms. Idaho, Indiana, Louisiana, New Jersey, Ohio, and Hawaii (2) have noted type I isolates. Type III has been reported from Georgia, Pennsylvania, Utah and three different locations in Washington. Minnesota and Oregon have reported both type I and type III poliovirus from current cases.

Paliamyelitis – Atlanta, Geargia

Four cases of paralytic poliomyelitis and two cases of aseptic meningitis, etiology undetermined, have been reported from Atlanta.

Age	Sex	Race	Onset	Paralytic Status	Vaccine doses
26	M	W	3-23	Bulbar	0
3	F	N	5-6	Spinal	2
3	F	N	5-27	Spinal	0
3	M	N	5-28	Aseptic men.	0
1 mo.	F	N	6-9	Aseptic men.	0
2	F	N	6-12	Spinal	0

Five of the cases are among Negro children who live within a two mile radius of each other in South Central

(Continued on page 8)

POLIOMYELITIS BY STATE – 1960
LABORATORY STUDIES AND POLIOVIRUS ISOLATIONS
REPORTED ON PSU FORMS

State and Region	Total Cases*	Total Studied in Lab.	Poliovirus Isolations			
			I	II	III	Unsp.
UNITED STATES	3,304	1,530	772	2	274	6
N. ENGLAND						
Maine	51	12	8	0	0	0
New Hompshire	0	0	0	0	0	0
Vermont	17	1	1	0	0	0
Massachusetts	36	14	2	0	1	0
Rhode Island	103	57	56	0	0	0
Connecticut	36	28	18	0	4	0
M. ATLANTIC						
New York	261	192	120	1	31	0
New Jersey	82	78	51	0	9	0
Pennsylvania	157	116	21	0	66	0
E. N. CENTRAL						
Ohio	127	78	29	0	18	0
Indiana	146	37	32	0	0	0
Illinois	164	94	42	0	2	0
Michigan	88	0	0	0	0	0
Wisconsin	43	22	13	0	2	0
W. N. CENTRAL						
Minnesota	47	46	28	0	5	1
Iowa	29	5	5	0	0	0
Missouri	38	22	7	0	2	0
North Dakota	17	2	0	0	0	0
South Dakota	4	0	0	0	0	0
Nebraska	17	2	1	0	0	0
Kansas	22	5	1	0	2	0
S. CENTRAL						
Delawore	1	0	0	0	0	0
Maryland	163	104	3	0	77	0
D. C.	5	3	0	0	1	0
Virginia	61	31	8	0	10	0
West Virginia	68	44	12	0	1	1
North Carolina	92	11	3	0	1	0
South Carolina	129	92	63	1	13	1
Georgia	29	6	1	0	1	0
Florida	61	16	10	0	2	2
E. S. CENTRAL						
Kentucky	158	85	63	0	0	0
Tennessee	61	30	18	0	2	0
Alabama	23	6	7	0	4	0
Mississippi	45	17	10	0	1	0
W. S. CENTRAL						
Arkansas	47	18	5	0	0	0
Louisiana	54	41	13	0	5	0
Oklahoma	19	4	0	0	0	0
Texas	182	24	12	0	4	0
MOUNTAIN						
Montana	21	8	6	0	2	0
Idaho	11	4	4	0	0	0
Wyoming	22	3	2	0	1	0
Colorado	25	7	3	0	0	0
New Mexico	6	0	0	0	0	0
Arizona	10	0	0	0	0	0
Utah	10	7	6	0	1	0
Nevada	0	0	0	0	0	0
PACIFIC						
Washington	50	30	14	0	3	0
Oregon	36	24	7	0	0	0
California	420	87	60	0	3	0
Alaska	1	0	0	0	0	0
Hawaii	9	7	7	0	0	0

* Cases reported to the Polio Surveillance Unit on preliminary forms.

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1960 AND JUNE 10, 1961

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Meningitis, aseptic	Brucellosis (undulant fever)
	Total (Includes cases not specified by type)				Paralytic 080.0,080.1				Nonparalytic			
	23rd Week		Cumulative, first 23 weeks		23rd Week		Cumulative, first 23 weeks		080.2		340 pt.	044
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1961
UNITED STATES	10	19	194	350	5	16	126	253	4	2	47	10
NEW ENGLAND	-	5	3	15	-	5	3	15	-	-	1	-
Maine	-	-	-	5	-	-	-	5	-	-	-	-
New Hampshire	-	-	-	-	-	-	-	-	-	-	-	-
Vermont	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	1	2	6	-	1	2	6	-	-	1	-
Rhode Island	-	4	-	4	-	4	-	4	-	-	-	-
Connecticut	-	-	1	-	-	-	1	-	-	-	-	-
MIDDLE ATLANTIC	-	-	15	41	-	-	12	29	-	-	2	1
New York	-	-	6	33	-	-	5	22	-	-	1	1
New Jersey	-	-	5	6	-	-	4	6	-	-	-	-
Pennsylvania	-	-	4	2	-	-	3	1	-	-	1	-
EAST NORTH CENTRAL	-	-	23	40	-	-	15	13	-	-	1	-
Ohio	-	-	8	19	-	-	4	5	-	-	-	-
Indiana	-	-	3	-	-	-	2	-	-	-	-	-
Illinois	-	-	7	6	-	-	6	4	-	-	1	-
Michigan	-	-	2	12	-	-	2	3	-	-	-	-
Wisconsin	-	-	3	3	-	-	1	1	-	-	-	-
WEST NORTH CENTRAL	2	2	10	18	-	1	5	10	1	1	3	8
Minnesota	-	-	3	8	-	-	3	6	-	-	3	1
Iowa	1	1	2	4	-	-	-	1	1	1	-	7
Missouri	1	1	3	4	-	1	-	3	-	-	-	-
North Dakota	-	-	-	-	-	-	-	-	-	-	-	-
South Dakota	-	-	-	1	-	-	-	-	-	-	-	-
Nebraska	-	-	2	-	-	-	2	-	-	-	-	-
Kansas	-	-	-	1	-	-	-	-	-	-	-	-
SOUTH ATLANTIC	3	1	19	51	3	1	15	41	-	-	2	-
Delaware	-	-	2	-	-	-	1	-	-	-	-	-
Maryland	-	-	-	1	-	-	-	-	-	-	-	-
District of Columbia	-	-	-	-	-	-	-	-	-	-	-	-
Virginia	-	-	-	-	-	-	-	-	-	-	2	-
West Virginia	1	-	3	4	1	-	2	4	-	-	-	-
North Carolina	-	1	4	16	-	1	3	16	-	-	-	-
South Carolina	1	-	2	3	1	-	2	2	-	-	-	-
Georgia	1	-	5	3	1	-	5	2	-	-	-	-
Florida	-	-	3	24	-	-	2	17	-	-	-	-
EAST SOUTH CENTRAL	-	-	18	13	-	-	6	11	-	-	13	-
Kentucky	-	-	14	7	-	-	2	5	-	-	12	-
Tennessee	-	-	1	1	-	-	1	1	-	-	-	-
Alabama	-	-	-	1	-	-	-	1	-	-	1	-
Mississippi	-	-	3	4	-	-	3	4	-	-	-	-
WEST SOUTH CENTRAL	3	5	33	46	-	4	18	31	3	1	2	-
Arkansas	-	-	1	-	-	-	-	-	-	-	-	-
Louisiana	-	1	7	15	-	1	5	11	-	-	-	-
Oklahoma	-	-	-	3	-	-	-	3	-	-	-	-
Texas	3	4	25	28	-	3	13	17	3	1	2	-
MOUNTAIN	-	3	20	20	-	2	12	11	-	-	2	1
Montana	-	3	1	9	-	2	1	5	-	-	-	-
Idaho	-	-	4	4	-	-	1	1	-	-	-	-
Wyoming	-	-	-	1	-	-	-	-	-	-	-	1
Colorado	-	-	3	1	-	-	3	1	-	-	1	-
New Mexico	-	-	1	1	-	-	-	-	-	-	1	-
Arizona	-	-	5	3	-	-	3	3	-	-	-	-
Utah	-	-	6	1	-	-	4	1	-	-	-	-
Nevada	-	-	-	-	-	-	-	-	-	-	-	-
PACIFIC	2	3	53	106	2	3	40	92	-	-	21	-
Washington	-	-	8	7	-	-	4	7	-	-	1	-
Oregon	-	-	4	12	-	-	1	8	-	-	-	-
California	2	2	39	81	2	2	33	71	-	-	20	-
Alaska	-	1	-	2	-	1	-	2	-	-	-	-
Hawaii	---	-	2	4	---	-	2	4	---	-	---	---
Puerto Rico	-	24	4	178	-	24	4	175	-	-	-	-

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1960 AND JUNE 10, 1961 · Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

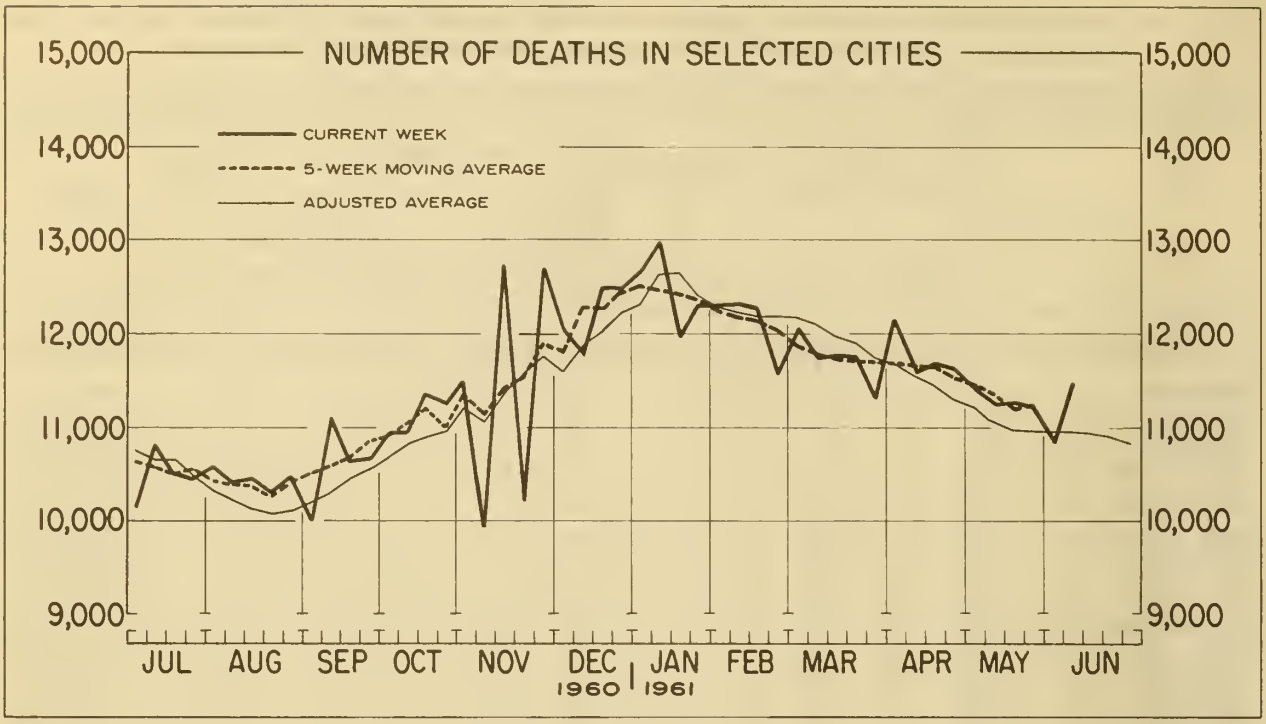
Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	23rd Week		Cumulative, first 23 weeks		082		23rd Week		Cumulative, first 23 weeks		085	
	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960	1961	1960
UNITED STATES	4	3	291	313	41	41	1,246	683	39,477	17,862	17,030	17,448
NEW ENGLAND	-	-	4	8	2	3	39	21	1,074	545	1,723	2,133
Maine	-	-	-	2	-	-	1	1	61	36	-	115
New Hampshire	-	-	-	-	-	-	-	-	69	18	14	15
Vermont	-	-	-	-	-	-	2	-	121	9	81	193
Massachusetts	-	-	4	5	1	2	15	8	368	274	967	1,065
Rhode Island	-	-	-	1	1	1	5	8	147	104	216	115
Connecticut	-	-	-	-	-	-	16	4	308	104	445	630
MIDDLE ATLANTIC	1	-	14	8	16	3	209	88	5,700	1,861	4,536	2,586
New York	1	-	7	1	15	2	87	57	2,326	931	1,485	1,827
New Jersey	-	-	-	1	-	-	62	5	1,415	154	1,936	503
Pennsylvania	-	-	7	6	1	1	60	26	1,959	776	1,115	256
EAST NORTH CENTRAL	-	-	13	25	5	6	319	112	8,026	3,409	3,887	6,242
Ohio	-	-	1	14	1	-	73	27	2,848	1,105	405	436
Indiana	-	-	1	4	-	4	50	7	1,342	441	268	331
Illinois	-	-	10	3	2	1	55	38	1,341	709	575	862
Michigan	-	-	1	3	2	1	136	37	2,296	998	1,363	2,121
Wisconsin	-	-	-	1	-	-	5	3	199	156	1,276	2,492
WEST NORTH CENTRAL	2	-	24	17	-	4	103	23	4,001	1,424	744	180
Minnesota	2	-	13	5	-	-	16	-	895	143	40	80
Iowa	-	-	1	2	-	-	23	2	1,153	244	513	11
Missouri	-	-	-	2	-	-	18	11	900	524	94	26
North Dakota	-	-	2	1	-	1	2	4	81	112	73	63
South Dakota	-	-	6	5	-	-	3	-	122	114	15	-
Nebraska	-	-	2	1	-	-	23	6	401	138	9	-
Kansas	-	-	-	1	-	3	18	-	449	149	NN	NN
SOUTH ATLANTIC	1	-	57	70	5	3	154	71	4,804	2,117	1,504	725
Delaware	-	-	-	-	-	-	4	7	124	118	18	13
Maryland	-	-	1	1	2	-	13	17	427	214	190	154
District of Columbia	-	-	2	-	-	1	5	1	52	15	7	20
Virginia	-	-	12	8	-	-	18	16	679	430	410	301
West Virginia	-	-	1	2	-	-	13	7	1,010	411	564	129
North Carolina	1	-	7	2	-	1	28	5	1,059	156	60	4
South Carolina	-	-	1	18	-	-	1	-	272	39	45	33
Georgia	-	-	12	15	-	-	35	5	473	156	42	12
Florida	-	-	21	24	3	1	37	13	708	578	168	59
EAST SOUTH CENTRAL	-	1	12	38	2	3	140	100	6,209	2,744	744	1,274
Kentucky	-	-	3	1	2	-	34	32	1,823	1,112	129	354
Tennessee	-	-	2	5	-	-	49	33	2,553	889	543	809
Alabama	-	1	5	20	-	3	40	25	1,013	556	27	38
Mississippi	-	-	2	12	-	-	17	10	820	187	45	73
WEST SOUTH CENTRAL	-	1	157	116	1	3	74	37	2,863	1,459	501	1,267
Arkansas	-	-	3	2	1	-	9	2	568	67	6	74
Louisiana	-	-	14	26	-	-	6	-	284	56	-	6
Oklahoma	-	-	3	6	-	2	1	1	217	205	5	16
Texas	-	1	137	82	-	1	58	34	1,794	1,131	490	1,171
MOUNTAIN	-	1	7	30	-	5	49	79	2,523	1,507	742	1,138
Montana	-	-	2	2	-	-	2	2	239	60	40	63
Idaho	-	-	-	11	-	-	4	5	151	187	76	71
Wyoming	-	-	-	5	-	-	4	-	92	12	25	-
Colorado	-	-	4	3	-	4	19	22	880	515	241	580
New Mexico	-	-	-	3	-	-	7	7	292	224	NN	-
Arizona	-	1	-	3	-	1	9	39	357	351	276	235
Utah	-	-	-	3	-	-	4	3	433	138	25	128
Nevada	-	-	1	-	-	-	-	1	79	20	59	61
PACIFIC	-	-	3	1	10	11	159	152	4,277	2,796	2,649	1,903
Washington	-	-	-	-	1	-	16	25	552	337	213	433
Oregon	-	-	-	-	1	-	31	12	731	501	294	398
California	-	-	-	-	8	11	112	106	2,822	1,785	2,132	1,025
Alaska	-	-	3	1	-	-	-	3	140	121	10	1
Hawaii	---	-	-	-	---	-	---	6	32	52	---	46
Puerto Rico	-	3	36	88	-	-	27	8	429	404	59	20

NN-Not Notifiable

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED JUNE 11, 1960 AND JUNE 10, 1961 - Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria 110-117	Meningoccocal infections 057		Psittacosis 096.2	Streptococcal sore throat, etc. 050,051	Typhoid fever 040				Typhus fever, endemic 101	Rabies in animals	
						23rd Week		Cumulative, first 23 weeks				
	1961	1961	1960	1961	1961	1961	1960	1961	1960	1961	1961	1960
UNITED STATES	2	38	40	2	4,750	11	19	239	244	2	58	80
NEW ENGLAND	-	3	1	-	341	-	-	6	4	-	-	-
Maine	-	2	-	-	9	-	-	1	1	-	-	-
New Hampshire	-	-	-	-	8	-	-	-	-	-	-	-
Vermont	-	-	-	-	7	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	98	-	-	1	2	-	-	-
Rhode Island	-	-	-	-	15	-	-	1	-	-	-	-
Connecticut	-	1	1	-	204	-	-	3	1	-	-	-
MIDDLE ATLANTIC	-	6	5	-	589	1	3	26	14	-	1	13
New York	-	4	1	-	358	-	2	11	11	-	1	13
New Jersey	-	1	3	-	161	1	-	5	-	-	-	-
Pennsylvania	-	1	1	-	70	-	1	10	3	-	-	-
EAST NORTH CENTRAL	-	10	6	-	582	1	2	32	29	-	6	14
Ohio	-	2	-	-	120	1	1	9	4	-	2	8
Indiana	-	-	1	-	98	-	-	6	9	-	-	2
Illinois	-	1	2	-	111	-	1	15	7	-	1	-
Michigan	-	7	2	-	129	-	-	1	5	-	2	4
Wisconsin	-	-	1	-	124	-	-	1	4	-	1	-
WEST NORTH CENTRAL	-	2	3	1	108	-	1	17	14	-	15	20
Minnesota	-	1	2	1	10	-	-	5	1	-	5	5
Iowa	-	-	1	-	30	-	-	1	-	-	7	2
Missouri	-	1	-	-	4	-	1	8	11	-	-	1
North Dakota	-	-	-	-	53	-	-	-	-	-	-	3
South Dakota	-	-	-	-	-	-	-	1	1	-	3	9
Nebraska	-	-	-	-	-	-	-	-	1	-	-	-
Kansas	-	-	-	-	11	-	-	2	-	-	-	-
SOUTH ATLANTIC	-	3	7	-	242	3	2	39	31	-	3	11
Delaware	-	-	-	-	4	-	-	-	-	-	-	-
Maryland	-	-	2	-	5	-	-	-	-	-	-	-
District of Columbia	-	-	1	-	5	1	-	6	1	-	-	-
Virginia	-	-	-	-	96	-	-	1	4	-	-	2
West Virginia	-	-	-	-	61	-	-	4	1	-	2	3
North Carolina	-	2	-	-	27	-	-	6	7	-	1	1
South Carolina	-	-	-	-	15	-	-	2	6	-	-	-
Georgia	-	-	-	-	1	2	2	15	6	-	-	4
Florida	-	1	4	-	28	-	-	5	6	-	-	1
EAST SOUTH CENTRAL	-	3	11	-	755	-	-	27	40	1	7	7
Kentucky	-	3	7	-	87	-	-	6	11	-	3	2
Tennessee	-	-	1	-	643	-	-	19	20	-	4	3
Alabama	-	-	2	-	3	-	-	2	6	1	-	2
Mississippi	-	-	1	-	22	-	-	-	3	-	-	-
WEST SOUTH CENTRAL	-	3	4	-	665	3	10	44	76	1	22	13
Arkansas	-	1	-	-	-	-	-	4	18	-	6	4
Louisiana	-	-	1	-	3	1	5	5	19	-	2	2
Oklahoma	-	-	2	-	4	1	-	5	5	-	1	-
Texas	-	2	1	-	658	1	5	30	34	1	13	7
MOUNTAIN	1	2	-	-	1,000	1	1	21	17	-	-	1
Montana	-	-	-	-	20	-	-	3	5	-	-	-
Idaho	-	-	-	-	88	-	-	-	-	-	-	-
Wyoming	-	-	-	-	1	-	1	1	2	-	-	-
Colorado	-	-	-	-	368	-	-	5	-	-	-	-
New Mexico	1	-	-	-	233	1	-	5	4	-	-	1
Arizona	-	1	-	-	252	-	-	4	6	-	-	-
Utah	-	-	-	-	36	-	-	2	-	-	-	-
Nevada	-	1	-	-	2	-	-	1	-	-	-	-
PACIFIC	1	6	3	1	468	2	-	27	19	-	4	1
Washington	-	1	-	1	116	-	-	3	1	-	-	-
Oregon	-	-	-	-	21	-	-	-	-	-	-	-
California	1	4	3	-	289	2	-	24	18	-	4	1
Alaska	-	1	-	-	42	-	-	-	-	-	-	-
Hawaii	---	---	-	---	---	---	-	-	-	---	---	-
Puerto Rico	-	1	-	-	5	-	-	8	16	-	2	-



The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. For each region the adjusted average was computed as follows: From the total deaths reported each week for the years 1956-1960, 3 central figures were selected by eliminating the highest and lowest figure reported for that week. A 5-week moving average of the arithmetic mean of the 3 central figures was then computed with adjustment to allow for population growth in each region. The average value of the regional increases was 2 percent which was incorporated in the adjusted average shown in the chart.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	23rd week ended June 10, 1961	22nd week ended June 3, 1961	Adjusted average, 23rd week 1956-60	Percent change, adjusted average to current week	Cumulative, first 23 weeks		
					1961	1960	Percent change
TOTAL, 117 REPORTING CITIES	11,476	10,879	10,944	+4.9	271,736	280,464	-3.1
New England (14 cities)	712	678	651	+9.4	16,795	17,626	-4.7
Middle Atlantic (20 cities)	3,175	3,330	3,016	+5.3	78,010	77,508	+0.6
East North Central (21 cities)	2,596	2,318	2,330	+11.4	57,980	60,205	-3.7
West North Central (9 cities)	777	712	779	-0.3	18,315	19,555	-6.3
South Atlantic (11 cities)	975	909	922	+5.7	23,350	24,475	-4.6
East South Central (8 cities)	517	485	489	+5.7	12,386	12,851	-3.6
West South Central (13 cities)	956	861	1,008	-5.2	23,158	24,658	-6.1
Mountain (8 cities)	353	326	352	+0.3	8,577	8,715	-1.6
Pacific (13 cities)	1,415*	1,260	1,397	+1.3	33,165	34,871	-4.9

*Includes estimate for missing reports.

Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	23rd week ended June 10, 1961	22nd week ended June 3, 1961	Cumulative, first 23 weeks 1961	Cumulative, first 23 weeks 1960
NEW ENGLAND:				
Boston, Mass.	245	237	5,751	6,148
Bridgeport, Conn.	36	39	888	1,016
Cambridge, Mass.	23	30	710	763
Fall River, Mass.	32	23	643	705
Hartford, Conn.	41	51	1,127	1,125
Lowell, Mass.	30	18	575	581
Lynn, Mass.	25	27	545	599
New Bedford, Mass.	25	29	628	601
New Haven, Conn.	41	39	1,108	1,069
Providence, R.I.	71	65	1,455	1,560
Somerville, Mass.	15	11	312	356
Springfield, Mass.	44	28	1,077	1,117
Waterbury, Conn.	32	21	654	667
Worcester, Mass.	52	60	1,322	1,319
MIDDLE ATLANTIC:				
Albany, N.Y.	39	37	1,089	1,046
Allentown, Pa.	34	37	823	867
Buffalo, N.Y.	170	150	3,478	3,543
Camden, N.J.	56	43	1,024	1,049
Elizabeth, N.J.	40	26	697	693
Erie, Pa.	39	44	920	917
Jersey City, N.J.	54	72	1,666	1,707
Newark, N.J.	99	103	2,447	2,336
New York City, N.Y.	1,621	1,668	39,956	39,286
Paterson, N.J.	56	36	930	942
Philadelphia, Pa.	458	510	12,212	12,021
Pittsburgh, Pa.	159	270	4,505	4,699
Reading, Pa.	27	27	521	587
Rochester, N.Y.	88	99	2,356	2,399
Schenectady, N.Y.	22	27	573	568
Scranton, Pa.	31	30	841	920
Syracuse, N.Y.	74	44	1,447	1,512
Trenton, N.J.	47	53	1,075	1,008
Utica, N.Y.	39	25	690	669
Yonkers, N.Y.	22	29	760	739
EAST NORTH CENTRAL:				
Akron, Ohio	77	53	1,330	1,352
Canton, Ohio	48	35	750	844
Chicago, Ill.	760	738	17,571	18,472
Cincinnati, Ohio	164	151	3,696	3,816
Cleveland, Ohio	201	181	4,828	5,189
Columbus, Ohio	118	106	2,674	2,883
Dayton, Ohio	68	80	1,909	1,700
Detroit, Mich.	375	310	7,915	8,280
Evansville, Ind.	37	34	869	896
Flint, Mich.	40	42	1,020	949
Fort Wayne, Ind.	32	42	921	885
Gary, Ind.	31	27	714	743
Grand Rapids, Mich.	53	36	1,056	1,008
Indianapolis, Ind.	150	159	3,440	3,564
Madison, Wis.	44	23	753	777
Milwaukee, Wis.	132	99	2,893	3,009
Peoria, Ill.	33	25	685	706
Rockford, Ill.	35	13	671	681
South Bend, Ind.	26	32	668	680
Toledo, Ohio	106	83	2,291	2,422
Youngstown, Ohio	66	49	1,326	1,349
WEST NORTH CENTRAL:				
Des Moines, Iowa	58	37	1,229	1,349
Duluth, Minn.	26	31	594	620
Kansas City, Kans.	42	36	890	837
Kansas City, Mo.	131	132	2,991	3,138
Lincoln, Nebr.	(21)	(26)	(646)	(609)
Minneapolis, Minn.	118	123	2,872	2,965
Omaha, Nebr.	70	55	1,594	1,801
WEST NORTH CENTRAL—Con.:				
St. Louis, Mo.	210	193	5,523	6,043
St. Paul, Minn.	72	72	1,566	1,719
Wichita, Kans.	50	33	1,056	1,083
SOUTH ATLANTIC:				
Atlanta, Ga.	118	105	2,724	2,842
Baltimore, Md.	274	233	5,866	6,241
Charlotte, N.C.	38	42	831	1,000
Jacksonville, Fla.	48	49	1,354	1,533
Miami, Fla.	55	82	1,753	1,767
Norfolk, Va.	45	32	1,167	1,012
Richmond, Va.	89	73	1,880	1,933
Savannah, Ga.	24	30	779	888
St. Petersburg, Fla.	(---)	(59)	(---)	(1,812)
Tampa, Fla.	65	68	1,567	1,639
Washington, D.C.	181	176	4,526	4,692
Wilmington, Del.	38	19	903	928
EAST SOUTH CENTRAL:				
Birmingham, Ala.	80	76	2,045	2,079
Chattanooga, Tenn.	40	47	1,138	1,153
Knoxville, Tenn.	30	33	657	706
Louisville, Ky.	107	104	2,680	2,759
Memphis, Tenn.	126	108	2,772	2,779
Mobile, Ala.	37	43	975	1,031
Montgomery, Ala.	38	30	751	867
Nashville, Tenn.	59	44	1,368	1,477
WEST SOUTH CENTRAL:				
Austin, Tex.	44	23	812	856
Baton Rouge, La.	16	21	679	703
Corpus Christi, Tex.	28	20	548	595
Dallas, Tex.	137	122	2,909	3,045
El Paso, Tex.	40	32	850	915
Fort Worth, Tex.	46	55	1,549	1,632
Houston, Tex.	143	151	3,856	4,062
Little Rock, Ark.	63	43	1,304	1,446
New Orleans, La.	151	152	3,919	4,448
Oklahoma City, Okla.	75	60	1,800	1,815
San Antonio, Tex.	99	91	2,420	2,494
Shreveport, La.	48	44	1,213	1,297
Tulsa, Okla.	66	47	1,299	1,350
MOUNTAIN:				
Albuquerque, N. Mex.	25	28	715	717
Colorado Springs, Colo.	20	10	384	398
Denver, Colo.	111	80	2,661	2,873
Ogden, Utah	11	26	368	408
Phoenix, Ariz.	89	73	1,967	1,899
Pueblo, Colo.	16	18	392	366
Salt Lake City, Utah	49	48	1,159	1,161
Tucson, Ariz.	32	43	931	893
PACIFIC:				
Berkeley, Calif.	19	14	395	406
Fresno, Calif.	(52)	(45)	(1,029)	(1,106)
Glendale, Calif.	(34)	(31)	(776)	(919)
Honolulu, Hawaii	30	35	929	983
Long Beach, Calif.	54*	37	1,345	1,318
Los Angeles, Calif.	492	453	11,795	12,531
Oakland, Calif.	82	91	2,219	2,321
Pasadena, Calif.	37	32	786	832
Portland, Oreg.	109*	104	2,474	2,601
Sacramento, Calif.	66	55	1,428	1,380
San Diego, Calif.	79	69	2,076	2,170
San Francisco, Calif.	228	165	4,641	4,805
San Jose, Calif.	(34)	(37)	(824)	(800)
Seattle, Wash.	142	125	3,079	3,378
Spokane, Wash.	46	39	1,062	1,103
Tacoma, Wash.	31	41	936	1,043
San Juan, P. R.	(32)	(42)	(843)	(807)

*Estimate - based on average percentage of divisional total.

() Figures shown in parenthesis are from cities which have been reporting less than five years and hence are not included in Table 3.

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Atlanta. The first case has been confirmed by serology as due to Type III poliomyelitis. From the third case, a Type III poliovirus has been isolated from a stool specimen. Other laboratory studies are in process.

It is pertinent to note, that in March, scattered isolates of Type III poliovirus were first isolated from stool specimens taken from young children. In early May, preliminary results show that 15 percent of stool specimens taken from young children in a housing project in the center of this area contained Type III poliovirus.
(Reported by Dr. W. J. Murphy, Georgia State Department of Health. Studies jointly conducted by the Fulton County Department of Health and the Enterovirus Unit, Communicable Disease Center.)

Hepatitis – Menominee Indian Reservation, Wisconsin

Beginning in October 1960, cases of hepatitis commenced to appear among Indian children in the Menominee Reservation, a reservation served by municipal water and sewerage and with a population of 3,200. In all, 28 cases were reported, 22 of these being among children aged 5 to 14, one a 33-year-old adult and the remainder, preschool children. The outbreak appeared to be largely school centered. Because of a continual build-up in cases, a mass gamma globulin prophylaxis program was carried out between February 7 and 9 for children and adults in the schools. Six hundred persons were given gamma globulin using a dosage schedule of approximately .01 cc per pound.

Two cases only occurred following this program. One was in a seven year old girl who developed hepatitis on February 27 and the second, a four year old boy who had the onset of illness on March 6. Both cases represented secondary cases occurring respectively two and one months following primary cases in their households. Neither child had received gamma globulin.
(Reported by Dr. Joseph Preizler, State of Wisconsin Board of Health. Investigated by Dr. George Shinners, District Medical Officer, Green Bay, and Mrs. Elaine W. Neta, Public Health Nurse, Menominee Reservation.)

QUARANTINE MEASURES

New Iraqi Quarantine Regulations for Entrance

All travelers arriving in Iraq from India by sea or air must possess an International Certificate of Cholera vaccination. There are two doses required six days apart, the first dose no more than six months prior to arrival, the second dose no less than six days prior to arrival. Travelers not complying will be placed in Iraqi quarantine for five days. All travelers should be cautioned to comply.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for the States of Alaska and Hawaii. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.

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